

Jonie Gong & Mixture K Syrup of Sosplia Friet Copie Conglib. a.c. 7! Vini autemonii 37 Ext Slyrrhiza LE. Balsam Copaila aa zij M. Sig Dos, a Teaapsonful severy two, three or four human as case requires E & William, M. D.

Letter Record. Concerning The Migration of Birds. By Edgar a. Mearns, Member of the Committee on Migration of Birds, Appointed by the american Ornithologists Union; and Superintendant of the Rocky Mountain District (Idaho, montana; Wyoning, Mak, Colorado, anzona, New mexico).

1. Wr. a. W. anthony Donver, Cellorado Febr. 7, 1884. 2. Capt. P. M. Whome. Capt. 22 Infantry, U.S.a. Fort Lyon, Ceolorado. Hebr. 25, 1884. 3. Mr. a.W. anthony. Beaverton, Oregon 71br. 27, 1884. 4. Mr. H. S. Smith. levr. Hoyt + Delana Sts., Denver, leolorado. Hebr. 27, 1884. 5. Dr. A. K. Hisher. Ling Sing, new York. Febra 27, 1884. 6. Dr. Walter W. K. Fisher Fort ahache, Urizona Man. 12, 1885-Whote letter & mailed 1885 blank and circular.

2 Indians o' angena Of oche Youto 7. Dr. J. E. Heorikus. White Miles or Warm Sing Fort Fowell, amount Marajo-Sent one 1885 Circular and blank on Man. 12th, 1885 Waring Hunipai 8.). Willard Shults Fort Courad, von Fort Benton, Mojoie. Moulana Jerr. Wroteletterand Chimpelmavi Gent 1 blank & 1885 Cire , Man /2 · Co-topah. 9. Cooft. P. M. Thorne, 22 mh asa Ceerol Sals. of Gulf Con Brun-Fort Lyon, Colorado. Sent 4 blanks + 1885 aveiller --cepally Shark 2h, north Col. Jan. 12 2 1887 with letter They aic can , J. Fly. T. St. Evenson gring East " Chalas (muy In Dono, a I downer, Col. Wrote a Variagors Better and sent I blank + Cir. 1885 Pinal 7-Marico ha. ilicula por Mex Ext 11. E. ans. Pintes Ext. N. W. Storasupaix Copied si Journal Vol. 14/2.115

1. Canon Squirel. Soveral seen in Hossil Creek and near the Saw-fry. 2. Lepus callotis lexianus 1. Tepus sylvations moltalli. 4. While Dear - Link Crook saw a munter + Millet one barren der.

Jet. 26. 43°

3467 Myradestes Commendi, & ad. 222; 350; 112; 106; eul., 13; nost'i, 188; 12/2, 21; taxus, 23.5 gite., 22.5; El, 6.5. Bell, black-Tarsi, just + clant, plack, sing itty 3465 Trosco (is monternes fa). 222; 314; 96; 99; nost., 13; gape, 26; Larsus, 32; mite, 245 Join F. Bet. Hossil ton + Fit. Verde 3466. Croscoptes mundament & ad. 233; 326; 101; 102; nost, 13; gafe, 26; tau., 32; mte, 25; Cl., 7. Saw for, between Fossel . A Corekt Horollerde, U.J.

44 (ct. 27 = Cot. 27, 45 To-day Lend Crook in jury intel 140 spilo a verti - Ca the Vende vener Snek to Winfifte; and of me. it 15 Junea hiemalis organus. Common. diornity miles back on yesterday Sereco; inque cyanocchhalus. trail after the deer the 19 ort Con a Fort Viside has its orains shot yesterlay. On the ride, and week Shotted with white. 17. L'amolla neglecta. which refer till late at night the following kinds 18. Cerris corax. and amended where seeni-19. Hymnefrica cyamocophala. 1. Harporhynchus crissalis. I culi Leveral minurese, flocks. Valley near the first. One continued from 500 . Croseoptes moulanus. to 1000 lands. Incy 11826 3. Sialia mes clama. Commente. ni titu cidare at the Paw- Too 4. Sialia arolica. - Commer. 20. appelication woodlouser. 5. Tophophanes enormatus. 6. Salpinetes obsoldlie. 21. Say mus Sayi. 7. Myradiesles loundende . with 22. Intater bordales valures. as number seen. 13. Sothe asio. - hund are we 8. Eremophila al pellrus. - Large flooks or rode home as inglit. 9. Dendrièca andulonio. 24. Laphorty & grapation (Lefens 10. Carpodacus frontalis. 11. Amphispisa Colonicata. Manuall: -12. Louotrichia Cencophrys. 12 Callotis testains 13. Leting Ela socialis arizonae. Chus substitues mutacie

Oct. 27. 34.7. (Semutary/alley Scamens) 24.7. (Hypodismens) 245; 172; 151; 97; cul., 29; 3 Prairie Wolf _- (oremon in this vegion, Howled all right 4. Striped Spermophile. - Cive grand, 1/ tarious, 24; lete, 27 in the meggines on Clearling leli, Ti dredis , white 1. Canon Squirrel. - a minutez 3467. Pilitanique or necessite were seen on the trep. 1 av. 230; 438; 6. Mairie Dry. Clour 3469. Victarierfies commenonistai. annual was seen mining 238; 460; 142; 91; ca, 25; at a distance which / suis cu, a, 28.5; tall, a.4; me, 26; - freet was a prairie day iclair, 7. although it may have beter 3. 469. Asyndesnus on wites on an arktorny as A was a 299; 507; 10; 100; ent, 600; good way aff. Ch. 10:5. (28; m2, 3/1, 5470, 5 Hsyndesmud 10 montress as. 2 288; 535; 160; 107; cut, 32; 3 yalu, 36; tara, 28; rute, 30

1.7t. Varde to Clear Creek.

2. to mud Janks

3. to Baker's Butte

4 to General Springs.

5 to the Lake Tanks.

6 Ao Janks near head of Cañon G.

7 to Steturn Canon Cer. + libien Cs.

8 to Cibicu Cr.

9 to Carrizo Cr.

10 to Forestdale.

11 -1. Holbrook Road ; 4 miles fr. apache.

12 to Fort apache.

13. Remained in camp at apache

14 & Black River 2 miles above crossing

15 to Cump on Ash Creek

16 to one mile above Gila crossing of Sub-Agua

17 to San Carlos agency. V 18 Remarked in early at San Carlos

19 To Coyote Springs.

20 to Wheatfield

21 to Satt Phver.

Ca Sonato Cr.

27 6 Carlos 8, 00000

October 18 1 1884. 51 50 I spent the greater fract of the 24th the Natural Bridge on Voice Creek. day in Cooking for birds on the San Parlos River. I 25th to Fossil Creek at the Springs at \ foot of Hardserabble Keill } nalked from the junction of the San Carlos with the Glas up the river Several miles, The 26 th to Fort Vande, following birds were seen: 1. Worse - These Works have 27 th to the place where Hen! Crook - not the Ruby-crowned Shot a Deer, 3 miles South of the Kinglet. They inhabit the thickets Saw- Log & back to Fort Veide along the River. The other needlors of the party 2. Salpinetes obseletus. - Common returned to Whipple Barracks. along the San Carlos-3. Dondrorea anduboni, Common 4. Geothlyfis trichas - Several 5. Lanius Endorrécemes cacubi--torides, - Linging. 6. Cearpoduceux Frontalis. - Common t. Ostragacinus Contrii. 8. Melospiza asciata abundant. 9. Shriella socialis arizonae. 10. Lonotrichia Lucophrys - Exceed. - it by plentiful, Linging.

(Cet. 18 12) (Oct. 18 th.) 53 De 11. amplicationa Coloneata. - a few m. the abundant. niggiute thickets. 26. Finnunculus sparierus. 212. Callamospiza broofor, - Cue only. 26. accepiter cooperi. 13. Cardinales orrginiames. Hour Seen. 27. Circus Mudsonius, Common Call-note exactly like the Eastern Species 28. Lophooling gambele. One flog 214. O'spilo aberti _ abundant 29. Cerdea horodies. - Several 15: Scolecoplagus ayanocethalus -30. Butorides viorscens. 31. Sturnella neglecta. - a few. 32. Vermilio Hy catcher, - Oue, In immense Leveko about San alor 16. Lauthorephalus Victorocephalus do. 3427 Thryothern. Three & ad. 17. Comscorax - Obundant, to note deffers from the note of 135; 182; 55; 58; nost, 11; to Ravino hutterto Segul gale, 18.5; Tarket, 18.5 (also); rute, 18. Spannus voerferans. - Que 16.5 cl., 5. brides, hozel Bell, with municipie flesh-color, 19. Bayornis Sayi . - about San Color shading near tip to dusky plum-brown maxilla, blackish. Saisi, 20. Ceryle aleyon - Common. 21. Celulusus aropycialus, Common Leet + claws, fromish-black. They we often found in the boushwood along with Picies 3428. Cardinalis virginianus 6ad. 238; 309; 96; 124; Cul., 19; 22. Pieus Geolinio - abundant Sigate, 19; depth of bill at van 18; width of will at lase, 14.5: Tan, 24. 23. Sphyrapieus vanus muchalis inte. 1 23.5; cl., 8 Fridesi hard 24. Colotto aureton 18 12 Till reddish, with frown discoloration

(Oct. 19.) 57 cedars in No. 12 , a few most of most of most of the contraction of th 11. Amphipa bilineata de la bolto 12. Milospora Jasciata foila bolto 13. Scolecophagus eyonocophalus. Dhombs !! intell 118 ?

high wh are in a line of the contract 14. Vanthorephalus ictorocofinus 15, Sturnella reglecta. 16. Ceorous corax 17. aphilosoma woodhousei 18. accifile, cooperi. 19. Bubo virginianos ecrut oaks we Sound. 20. Tophorty gambali (Seconspage) 1. Oros coples montanus) 2. Sall of soleties abundant; singing The General Sain for Allule 3. Phane this meters. - Several. The mole is like - Cow rall 3436. Limmondies Harverius Robin Fyw. 277; 605; 187; 136; 4. Por ludoviciamo exembitorides Ohl, 4 ceri, 14; cere, 4; oul; 11) 5. Indanis Amilia 6, Zandandan low flings gate, 19; tars, 37; mte, 33; cl/25. 13/+37. Phainopepla mitens 6 ads 200; 292; 90; 99; cul., 11.5; most e. 8; sapr, 16; lars., 20; nite. 19; Dean, 6. Doides, red Singing delighter 7. Sugel de la l'és origonal. 8. Calamosfuza becolor. - Luzral glocko near Mu Jila. 9. Inhilo maculatus Ingalony Coyote Springs 10. Tapilo aberté, - In the Ala bottom

(Oct. 20) 59 58 Oct. 19.1 We lest Coyote Thrings at. 3438. Salimotes disclibus, 7, a). 5.45 alsu. and reached the 150; 29:5; 68; 55; most, 14; ogspe, 22:5; Lars, 20; mile, 18; cl., 4.5; hear Conat Sing; city of Globe at 10.30 a. 74. and I Enleamped on the Stream running Mirough Globe at 3439. Calamoshisa becolor bus a place called the Wheatfield 185; 297; 910; 78; enl, 15; gape, 15; tars, 25; mtc., 24; Col., 6,5; San Carcas the distance travelled bridge miles. The road to Globe was through mesquites & Jacquetillas & Sugar Priries, the 3440. Calamoshna breolog 3 at 187; 297; 90; 78; oul, 15.5; gapl, 15-15 tare, 28; mtc, 25; Grant Cactus was plentiful (die south, dides of hills after we lest Stobe 3441, Calamospora bicolor & at Mear Coyoth Showes we Dashed 188; 300; 93: 80; cul., 14:5; gafi, 15; lars. 25; mte, 24; cl., 6:5; San Cares - ite exactly like the from of Rocks, & after we reached Global Lound a 21. Oxpelo chlorierus. - Several. gozat deal of Mu Jame book 22. Coloptes auratus mexicanus Une whole mountain was fuled 24, 22 2 Dolichonyx wrizworus. Mr with huge grante bowlders, studded Birds - Bobolings"!! I Red casti graw night out of the socks There were out hind cacti gueras the after leaving cacti 25. Hunco himales oregonus 26. Popilo Maculatus megalony

14. Popilo findeus niesalencus. 60 Oct. 20, 2 1. Merula migratoria profugua abundalist; pugnacious; ets 2. Harporlynchus crissalis Ories are a little less harsh 3. Croseoples montanus Man aphelocome woodhouser 4. Phainopipla miteus. - Zute a I not milike Him dori E in number noted along the 13. Philo aberti. Que or two seen route. They attelled in bushes + uttered a shorter, Cower + 16. Pipilo chlorurus. - Common more explosive note than 17 277 Dalichomyx organions. - 9 the call-note of the Robins saw a block, whill may have been Bobolinks, Llyny Oren. 5. Salprictes obsoletus. - abundant. 18. Sturnella neglectal, Albandant 6. Lanus ludoviciames excubito. 19. Comus corax! - Kather common. - gides . - One seems 20, apheloeoma wood housei, Comm 7. Carpodoeus frontalis, - Full of 21. Cyanocitta Stelleri maerolopha, On Song & alfundant. Adir near Globe, This side: 8. Voorectes grammens. - afen. 22! Sayornis Dayi'. - One hair 9. Spirella socialis arizonae ni alobe about a dwelling of O. Lanstrichia Leucokhrys one of two seen this side 1. Juneo humalis oregonus. 23. Lyvannus voleferaus, -a 12. Queplispiza bilimata. a. w. fly scattered along. 13. Cardinales virginianus. 24. Vicus Dealaris, - Deveral saw one hair & General alle in miggintes & collonwoods Crook saw one female. all

Qat. 20 63 62 Oct. 20 33 Zenaedura Carolinenses, -2 25. Centurus uropylialis. Commu The were seen prear offote in the Collowwoods Thes quite Lotter side and large flocks all the way from Globe + scattered ones this side. The this cambe - Usually The first places seen on the found in twos. Three shot 34 areup midsoming, - One Swere all males, 26. asendesmus torquatus_ teogoti. - Our seen near Globe Gondanden Mu dead 2. Lepus callotis texiamus Seviral tops of collowoods near 3. Lepus sylvahens muttalli, -a This Camp. number seen tone shot. 27. Colaptes aurabus mex icams they had short lars, barly tipped with black. Weny Corumon. 8. Bubo virginiamis, - Oue 4. Canon Squiriel, - One or two. baybreak, and gust at 29. Thummaules spawerus 30. accipiter pesous. - Several. 31. Bulio borealis Caluris a number of hairs sen, i) shot one of a letegraph holy I one on a collomoron. 32. Lophortyx gambeli. - Exend_ - myly plullful all along,

64 /Qct, 20,) 3448 Centurus wropygralis, bad. 3442. Cardinalis verginianus bal. 245; 3/7; 102; 1324; cul, 19.5; 249:438; 1321 100. gafe, 20; depth of bill at baso, 17; for 28; Cul, 29.5', Cape, 3'4; tars, 24; rute . 0,29; el., 11. myte, 26; el., 8:5; Breds hail. 3449. Pipilo Juscus mesolencus Bill, pale red, Yarri, feet & offer. Zuite you, not skined Claux, Bown, Globe City 3450. accepiter Suseus 9 piv. 3443, asyndesmus torquatus ¿ad, 355; 675; 207; 179 286; 555; 173; 114; cul., 30; Cul, + cere, 20; eize, 9; cul, 13.5 Safre, 19; tars, 57' lute 45 El, M. Llobe Cety, on Penal Cr. 3444, Clayadesmus lorgualus & Anno 3454. Popilo Chlorurus ad 272; 5-25; 160; 102; end, 29; 188; 263; 85; 99; cul, 13; Palm 33.5; tars, 26; rute 30; Suigoll. Mealfield on Pinal Cr. 8ahe, 14; Lans 27; uct 23; El 3446, Centurus wropycralis dad; 20280; 430; 129; 930; cul, 29; Sale, 33.5; Jans., 24:5; mtc, 29; Olay 10.5. Globe City 3449. Centures mopignalis dad 262; 448; 138; 99; cul., 32; Sale, 37; tarking 24:5; mite, 29; Cel. 11. Wheatfield on Vinal Cv.

66. (Qet, 21.) Qot, 21, 67 Mesula migratoria profing und 7. Polioptila coèrcilea. 2. Proscoptes montanus 10. Dendrocea anduboni, 3. Minus polyclottus. - Two seen 11. Phainopepla nutius. - Several together, The first on the try Call-note heard only. 7. Regulus calendula. - a fen. 12. Carpodacus frontalis. 5. Salfunctes obsoletus. - Elmidant. 13. Vo occetes granueus. 6. White - Mirvated Wren, - Sugnico 14. amphispiza bilimata, abujudant. 7. Camptoerphalus Os uncephalies. 15. Boundderchia Cencoflerys - Trying Quite a number seen among the 16. Dunco bucualis oregonis, grant cacti. Their presence 17. Spriella sociales assisnac was first announced to be by 18. Pencara boncardi !- Zuile a series of staring notes attered a number seen me the Sent in ire as a fals caught my in the act of chopping down the 19. 1. The fores mos incus grant Cacture. after he lerrible Its note Vis squake, and harsh Clinit of shot one of them of Item where - - The bird afterwards occured to hair of Dita on a 9, it posseder taken, and that were climbulg agmongst the scrub. about some Shanish bayoneted. 20. Popula a risti, abundant 8. White brown When . - a mumber after we reach. Jail Mill Seen. Their note is Wren-liky + 21. Philo maculatus majalonix they also have a harsh ong. 22 Olipilo ahlonerus, - Mis for The above common in places

68, Oot 2, Cot. 2 2/,69 23 Lolocophagus en ansech. in search of Whitney's apundant on Salt River. Cut. We found several Tola 24. Sturnelin neglecta. Wood Lecters going to root in 25. Cardinalis Virginiams, Chi holes in the cart of contluded 26, Como corax, la few sur. That no proces were in 27. Tynnopiea eyanoethala Those cools, so gair of the after cutting several doing of 28. Aphelocoma wood housi finding both and Twoode 29. Sayornis sayi - a few ofeather in the hole, Scattered along. 5. Celaites mixicans. Ou 30. Sayonis vagneaus, - Cluc was seen comy to roost on Salt River. mi a gradet cactus, almoant 31. Mitrocephalus rubineus mexicamo 36. ayndremus torquatus, - a Jivo seen on Pat Riving continuoux seen in Collomook 32. Francus voerberans. A fun 33. Prèus sealaris. Rather comme along Salt Kill, 37. accepter Justes. - abundant 34. Centurus mopygialis, - Van 38. accipiter cooperi, do plentiful in Salt River Valley 39. Foleo Sparierino de A the adjacent region, where 40. Buteo caluris - Condant: 1 short they were found in megapites 41. Hercoccyx californians collonwoods ton the grant Two seen on Sai Miss Caches. Yeul. Crook way. 42. Tophortyx gambile, Exceedand with the lo cut cacti - Myly almotant.

43, Gerardura canthing Oct. 2 15 71 13448 a. Mouse . Fad, Kose to eye, 13.5] There on Salt Hive Ear, 22; occipint, 28; soot of tail 44. Ondea herodias. - abundant N 100; and of autstratched hund - leg, on Sally 17 way 1. 140. Eara, height above ckull, 16 46, Ceryle aleyon. - One an Salove meatus, 187; width, 15 Salt Rriver. Hore-arm, 14 forsfoot, 9; cl., 1. Legy 24, Hind Loot 47. Luerquedula carolinensis. 48. Posticeps. The Sent, say 20; cl., 1.5 Yail 1050, Oct, 22, 1884) 3448 t. mouse fine, belong to above 1. the above on Salt driss. 49. Cyneclus verinerus. a Salf R. 3449. Campo cephalus bruneciphalus 50. Fringoides macularus de · 2 a. 219; 287; 94; 87; 51. Salamospija biovior, Two N cul., 25- ; noxt, 17.5; sufa, Marinalo. 30; turs, 32; mite, 28; de, 7.5; Drines, rich, bright hazel, But with Felius sylvahous mellalli abudant Conon Squille Coumer Mouse: - Cangled one in. maxica demotions - black a trole in a Glant Callus mandible & bally on to, at here chapped down for owes, Stading to the Seust at let There were two in the hote Claws The Miller & Salt Rovers Coyote - Que sque 3447a. Mouse. Fluv. 73450, E, brunce/halus & ac. 52 Milospija fasciata. a. 3214; 280;85; 85 (buth alike) Salt This to cul 24.5 1 / 15 -11811/48 2 1/2 tass 501

netc. (2013, el., 7. Colon as above. Qct. 22. Croscoptes montanus 245-1, 6. bruni chhalus + 40. 2. Regulus extendula ... 210; 268; 82! 84; Quest 17; 3. Campilocephalus brunniechhalus, -a 9 4/10, 30; tars 28:3; nete 26; dew whom the Grant Carti. C. 7. Colors ake 3449 Room after braving camp on Salt 3452. Whee-browed Wren. of ad. 4. Salfinetes oboletus . - (16) undant. 139; 180; 57; 63; most, 10,5; gale, 18, tais 18; mile, 17; 5. White-bosierd Wiren. 345-3, Jales Wheath who to Salt Printing 345-3, Jales Between Winitfield + Salt River Is 3454, Commence Winited As 1+ River Is 6. Phainoppla miters. - a fair of both seven offer under Mare all glive "). 259; 430; 132; 914; cu (33: 7. Dendrozda coronata. 33456. Muhorafet River 3 451. 8. Lancins de decisión de 2000 15-3; 262; 82; 64; 200, 4, 9,5; cul, 15; (19; lass 17,5; until 15; (15; cly 5; 3, an Satthur. 9. Carpodaous of onland, Jun 10. Porreches de confins Oct. 22. 11. Spireiga so ciació andinas We rode from Salt River well 12. Junes min oregonnie Who on Souto Creek, where we 13. Lonotrichia lewerthys sucamped ormong some fine 14. amphibilia lineala, -april cottonwoods, lett in a heavy 15 Pipilo oblorusus. - Scarce. rain stom that southed everything 16. Tipulo aberti. - a fen.

74 . Qot. 22 Oct 22 75 17. Poplo duscus messleuous 33. Oxyechens vociherus, - Com -18. Scolecephagus cyanacaphah mon along Loudo Creekilla 19. Sturnella Aug Citta, ... million. Aloek of 12 deging. 20. Corres corax. - a fen. 36. Ardea herodas, - an 21. Sayornis Sayi. - Common. Sact Priver + Louto Creek. 22. Lyrannus Everperans Common. 3.7. Fring ordes macutarins, Chy 23. Picux Scalario. - a few 38 auriparies ,- Ou 24. Centurus wropygralis. - Hute municipality both on Salt Phon of these Titures came chose and there along Canon Cruk. To me in a mazquite buch 25. Colaptes mexicano, - Uluminit on Josilo Crock, where I had 26. asendesmus longuatus, - Luite Crawled under after a wounder a number on Junto Crick-Phainopipla mitters, Old nests say 27. accenter cooper. - Common. 3 9 melospina fasciata. - Several 28. Commen. Commen. Seen on Salt River and an 29. Built bores De Daniela : home Youto Creek. 30. 3 1 100 Sugar var. 1, 1 12.00. 3/, Pardin Mariadus, or 32. Minure W. Sparverius. 33. Zenaedeure carolinensis. 34. Tophortiex gandrie fine - nion del ason, over leat

76 Oot, 22, Oct 23, To day 112 Con Camil The men caught large string on Jerile Breck it in y of Bon, tails in both Salt Orner / Canon Creek, some Mat Stream, as far as where weighing a could or mehound it descends from the cambrie the loother to the Micholones Frogs like those at Varde and found in both streams Then we had some stick as well as on the great Climberia de a fer miles San Carlos PRIVEY. before we reache the crossing on the Wild Ryc. We followed On migd Kalllesnake the Wild Rye to the Stort of Killed In the Foula Cyckthere went into camp in We passed Mironi, a dange grove of bright green wooded a pouring rain flu Cast be & or eight miles of the mezquite bushes hvith fords like march hawing light very hardy desagricable, The grant Caches Jarge White- spined cache "19 my Troistriens" me cuil, 1ston brigh. and Gueca were found well up with the heles after we left Manunals: 1. Lepus mittalli, - Common. souto Creek, but they desoffer 2. Tehns Cal. tey carmo . Common before we reached Illus Springs 3. Theplielis - Rice arand camp two sinles Mu Microcke (1) 4. Vill, 200 10 (leng- and) the Wild Will Day 2008 2 ing 1

9 mil 1 80 Qcil, 2 3, 22 Sympisica eyano exphala a: , buil sould out 23, Sayonis Bay .- Commerce grid a sellation silver 24. Mannes vocificans. it on the wing. Had I have Several Leveks, Que 1100, carbine, I du te to the the Carrier in it! -about Melled my deivet quelan Cagle. 25. Preus scalaris. - a few 34. Quality carolinenses on Joulo Creek, abundant en Joule Creek 20. Centions wohy prolis, time 35. Tophortyx gambeli, - Ex-- mer all a in Voir to Could Could - ceisting. 36. Common de la macularius, -a 27 Colaptes nucy (Calle, -Comme 28. Bubo 119 mains, - /110 on Il ich Page. 29. accifiter fusons .- Commen 30, l'edititir cooper. - Very direction of the 39 Que Cock.

39 Que Cock. is in any Chaston 31. Buteo borralis calulis Commen Five Scenni The air at once. 32, I municulus ofarveruis Le june mulliule, - Common 33. aginca Ohry salles Canadensis Tepus e de la commencia Teul. Crook sawone and Shiped gopher. - a four seen on

82 0 / 23, (Ogt, 2 4) 83 7. Lo-day we left early . - , ... 4. Nuplitis .- Clus SKILL Wald Rule at Foresch and a muit collected efter following that Stream for a consideration of themsel, was extractioning of his minute rauch above the Note. - OHH, Slove on Wild Pycial serut oak and a scattered learned that Rid Burds are growth of cedar, the country very common there, They were described to me by a Carly who rolling + broken by in fellures The erost serinal little falled me in professionally as like a painot, " Abrear w having a don collonwood, and tedan isee of the fire Bearing I saw fresh Bearing strong is the plant of so such "black and " coil ake berow, Sugies on White Kurr, Mu Gila, Y box alder" and states, shrubs, and on Salt Prize in Go Fouto Crick, and old signs on Pene Crick. after skirter, Nine Creek a little way we crossed some more Mills and took a trail leading down some sleep, hellsides, densely alothed with a exercis of evergreen tree who I merry saw before, but gathere of concers or to the state for our

84 (Oot), 24th/ 85 Coapi. Bourko called it 1. Merula migratoria forging in, -il sin " Marurale ... Collocal. The is the ni our place in some officiones 1. Jours like, mangenta with streps 2. Sialia mix Leann. - Two large of old a job linete. The hours rice flooks som in some Ecdard, nath simbile on the follows. Authorning Their Would Call 11864 a sin he was promised and made a shire willie the time Las win Blue bird in activities. 3. Kegulus calendula - abundant. There are large areas of these tries. 4. Salmetes disminer. Cot the jud of the trait 112 5. Dendrosca auduboni. - One or hoo. Lound a rough + Am in the Makingal Bounce, oran 100 6. Phainoppla mitens. - Luite a min. seet light withing grand - New seen. The market all of Contour Ating I Beneal Historicale and both six co withing a robit-like son Jours mil ladders france note -single note. Att cuitane. They is it out t. annu in horse mes transferides skamalle stelledites of the printer Selectorias frontalis, il few mean a Paillian i de ferrasse and brantiful line inerillations some of which I collected, We encomped on the stream a 10. Yours melianies segenus, - Searce 11. Therella souciais argonic mile of two above in a brankful grovi of large oaks 12 . Sustriction 1. Papier dustus mitaleneus 14 Parilo reaculatus megaconys. The

86 / Qov. 24./ 27. Grannof Dia Cinii: 87 note of this levid is whe ... La de de production de la 3456. Centurus mofygialis, Fad. about to mere hand and 237; 425; 130; 90; oul, 24; de in alter ist. Wire worself hay gape, 30; Tars, 24; mte, 29; Both pleases very commission. 15 Sharuella michilia i Commune Claw, 11. Shot mear camp on Salt River 16. Consus frigivores. Que 3457. Phainoppla nitens, sad, 200; 295; 91; 99; cul, 12; Alerk ser. Wo Ravini socu. most, 7; gape, 17; Lars, 20; mite, 19; cl 5:5; Shoton Loudo Creek. 17. Ohbelooping woodhousei, -Commer. 18. Eyanoeitta stelleri marrolopha 3458. asyndesmus torquatus pin 19 1 Hot seen lill it struck the 280; 535; 168; 105; 4.6, 27; gale, 33; law, 25; mile, 29; lel, 10.5. Shot on Jonto Cick. Eypressed near the natural Budge 19. Theus raisesus, - Hot seen hell der reacted the Mangal Bridge. Oct. 23. 20. Colapites auratio nux comos 3459. Centurio mojigadis, fad. Ce-14/1000 11/11/11/11/11/11 21. Elizabetho de 1820 rebute finnis 245; 428; 129; 93; cul, 26.5 gape, 31; Lars, 23; mte, 29; Cl., 11. Shot on Louto Creek. 12. Cleritin cortain - Scane 3460. Centurus wrofuggiales Lad. 23, Capoputer - Silvers . Silver. 263; 465; 140; 102; cul, 33; 24. Janua cellus 3 harvarius. gape, 37; tan, 26; mte, 31; cl., 11:5 25 Bules borralis calinis: Commer Mated with the above 26. To inty y cambeli - Common

(Oct 25 89 88 (27, 25,) Sycamores, walnuts, "but audit John y We Shill " ment of Charles ruis other birelock, a. m. and box elder", cevany maple. and is a delig their have. 1, 4 4 - 3 1 rendime borne Step 1819 I I At you that the inine The birds som an route ware; house for finding in on the Merula on gratoria de como la Sora return tril + we down straightury? I have being The Jassed Murough a winder 3. Spigella socialis arizonai, 4. Juneo hiemales oras (1) sive them town, wild afterno its 5. Lucio humalis dorni is in the prices 6. Salpinetes aloso ins, - bu freed ich The settle west on Strawberry balley one, the outs Kests of which we 7. Lofite finales mitricalled . - a gow on The onthe Rests (To mice Verit) Just the lives and their comi emportunities - during the sals of both the Large and Smill-ledved species 8, Jun now secure Ofthe reaching it will comment in whether after a while we reached "Hant 9. Litta carelinancis acultais o forman to rate & failly the it want to fossil C. Belle for a series - Correction of fine Creek, where we writt into accust, after travelling 14 miles. M. Carrier & Carlon Later , - come or se Folle oral To in the botton 2. min / were traveline. " a ced Canon contains Sille the Lusius as surenens wany cars and cliff-dwellings and the margin of the stream Tream Treat - 12'C. ilt. Sweethhagus eyanocohlitches No well wooded with liandsome

92 Oct. 25 Oor, 25. 93 Mean man of the same 3459 a Secure visit fai Bring SALLVELL .- CONTINA. nose to eye, 30;001, 57; Price Squarie - Mondant in occipied, 69 : 100 of lail, 280; and related on 435. Eaw placegist and 18 2/18 21 36 Coons + 1301 11 4 15001 , 10. Skunt on puts Daniels hairs, 311. Foream, 56 Long 100 +cl. 42 aut 65 hul 69 11/1 3461. Calamospiza becolor j (ad?) Behinn eyes, 35, Chest gent 170. Ear lufts (not med me hight) 38
343-9 Grand and Marguer Servicement, East of Shantis. 175; 292; 87; 72; cul., 14.5; 904, 14.5; tan 25; site 23; cf. 65 3462 accipilir cooper Zim Nose le 33; car, 58; occipier, 71; rectoffait, 290 26; Cere, 11; cul, 18,5; gape, 27,5; land, 67; mte, 57; cl, 117, Stomuch end of and relevant limit for 440 Ear, hughet above while 40, 3463. Civilis onex reams foo, Jail from not to and 18: 1, 1, 234, Ist; 295; 91; 55; cul, 19; most, 12 Indes, hazel. Bill with maxilla Villenish brown, dusky with maxilla Villenish snowing to dusky of lift. Tarsi feet vels flest enloys haiso 320 HOST-am, 58 Ant 201 40 48. 36. 10 Pos 80 10 (1) fr. hell 70 (60, 11)

94 (Qct.2) Mammal :-1. Sittà carolinenses aculeata 1. Vivile J. i.e., Sail, Covok short One only at carely 2, one of three at 3000 yards. 2. Salfunctes obsoleties. - Very 2. Januariens dorsalis abundant in rocky places; Com in marchy places almost gregarious. Dis . !! Buy singing , Evidently migrating 3 Lepus callott lexianus, One 3. John har inornature in sien al Camp & was the Cicles . Several Seen. carle, otables! Time 4. Eeremophila alpederis, Que or 4 Lionings - Fresh Signin were Two small flacks. Je 1 Go Cold Cally him is 5. Lamies ludoviciamos ex cubi--torides, - Our. 6. Carpodacus frontalis, - a fen - Slocks 7. Jonobietna lenco un Cucar 1. Juio a besti . - Colear Creck. 7. Pipilo juscus messiencus.

We object in Journal Volitor, July.

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3361. Messina Quail 7 pm. 100 Oct, 2.)
18. Coloftes amatus maxicanus 3362. Mellina Guarl Sprit 19. Mel anerpel formierotrul. - Non. 3313. neelling Lecarl Offer. Seen until ive reached Carrel 2, Where we livet struck fine lies. The Hull harty arrived at Winds The species was then abound and. 20. alyndesmus torquatus, - Lew, Crook at 3 oclock. after deriving at sant several on the way tat Cagnif 2. Capt, Russells, we started 21. Pandron haliaeetris, - On Seen olit to Camp 1., at Deloris's 22. Buter bornalis cal, Ser, al paris on Clear Creek. We did not reach camp undel while 23. ace leter fulcul. Serral Secu dark. The Radies went 24. accipiter cooperi do down to see our carry and 26. Lopherty grante, Jonly say as it was late Mrs. Kulsi thus meanine concluded to try slaying in Campall night + go into Verde by daylight. one floor 2/2 10 1 to Camp, 2, Shot 27. Co wirey maseina . - insint The only Grade sich with there is in hoge in ench at Cathortes aura my Let + Killed Man Cachat 2 Firmmenter sharversus. delit shot 3 Houndo enthrogastra 28. Ordea herodial . - One on Clear Creek. 4 Samonio Sali

3 Coorus corax

Colors of No. 236 (7. col) Cere, Have allin around eye and at base of bell, grequel-yellow Bell, gragnish-blue at base, Splein-- bous black at lift. Taise" and feet granish fellow, Claws, blu black Bides darkhazil Shot 4 miles Verde cide of Camp 3,

105 3364. Asyndelmus Jorgnatus (Skinwad for, Capt Roberts / 2 and . 3 365 Falco Columbarius Ffm. Shot at Camp 3, gape, 20 322;685; 220; 148; ceret Cul, 18: cere, 4.5; cul, 14.5] tars, 41; mtc., 46; cl., 12. 3366. accipiter fuscus & jiw 340; 640; 210; 178; care + gafe, 20 18.5; care, 8.5; cal, 12; mtc, 43; cl., 11.5; Core, saf-green Bill , with maxilla blue Catherall at base good mandible blue at base; residue flumbrous - black Tarsi, greenish yellow, Leet, Leure Jelow. Claux, blacker. Bides gellow Shot at, Camp 2. 3867 Pyranga hepalica; ad, mides hazel. Bill, with may + tip of mandible, blackesh; tresidue of mandible, blushi Jarsi + feet dusky plumbeous

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Clarve, blackish Shot at Camp 2, 209:330; 105-; 91; cul , 18; glaps, 21; lorders, 25; mte, 23; cl., 7, 3368 Corvus trugworus dring hazel. Bill, larst ft. blk. 485-; 970:327, 213; cul., 42; gape, 51; lars!, 56; mte, 32; cl., 14, Shot at Camp 2.

336 Glsyndesmus lorguetus Shot at Camp 2. Irides, hazel Bill plumbrous - black, grayish at base of mandible. Tarki du Lut, plumbeous, Claws, plumbeous Iblack, slightly brownish at base. 280; 534; 172; 110; cul., 30,5; Jule, 36 (tars, 25; mte., 30) asyndeshus torquetus 282; 5-20; 167; 120; cul, 27 gapi, 33; tars., 24; rute., 30 Cl, , 11. Colors as above.

Scolecophagus eynnoeiphalus

114 Oct. 4 th

3370° Science hudsoned fad, nose to eye, 24 ; ear, 44 occiput, 53; root of tail, 194; end outstetched hind leg, 2/2 Between eyes, 26-5, 7 brearin, 38 Forefoot, 34; longest claw, 7. claw, 7 huid - footbell 45. . Tall to ovot to end vert. ,130; hairs , 175 Ears Hight above SK, 20; meating 24 3370 Sawnis hudsonius fad. Nose to eye, 23; ear, 46 occupant, 55; root of Cail, 205 and of outstretched helid log, 325, Between eyes, 28. Horeann, 39; forefoot fel. 35; el. 7 fundfoot tel., 46; el., 7, Leg, 52. Jail from rout to end vert. 135; harris 180. Between eyes, 28. Ears height to from Skull 241,22 from medies, 26. ; wedth,

1=5

175

116. , bird flying. Ofthers of the party one there I bushed to from the ground, where they were cating a como beneath the oaks I these acorns are as sweet as chestrute, and the figions feed chiefly on them Edist Robert sous a have also. 10. lujan o citta stelleri ma erolopha Very abundant & vocuferous 71. Fymnopica cyanocephala. al number of Slocks were per all the way from Camp 3 to 4. # Dendrosca auduboni, - The first, in flocks were found may Camp 3. First seent. 1880 Juneo hemalis dors ales. Vin, abruit Les Regulus calendula. Finton 13. Catus montanes . - Very abundant. 1/6. Sialia mexicana 17. Certina formularión 15. Sitta carolineusis venleate 15. Sitta Jugmaia 26. Salfinedas obserletus am

118 Oct. 4. MARININ 3370° . Yannas 3 far. Nose to eye. 17 ; ear, 30 ; occiput, 38 ; rout of lail, 140; and of outstratched, hind leg, 210. Horrarun, 24.; forefootsel. 18.

Cl., 5; Leg; Jore footsel. 18.

Leot + cl., 33t; el., 4.5.

Between eyes /5 Ears, height above Kull for width, 14

Noul, from root to end vert, 196.

Chinted. hears, 120; Ears, 20. Continued Seen at Camp 4, theford since before we arrived at dauf 2 21. Treus villosus harrisi - Very abundant 12. Melaurhes Sommeworns a abundant. 23. Asyndernus torquatus a mulber seen 14. leoloptes auratus muyeaus

337/ Préus villosus harrisi bad. 240: 424: 130: 94; ent. 325-80/e, 33.5; tars 24 mte 24. d 337/2 Seimus coerti & jiv.

Manimus sein;

1. Minimus sein;

2. Conjote

3. Minimus la condis materialis.

1. Lima stratas quadricitatus.

5. Seini maionnis armonti.

b. Semme wieste.

120 Oct. 4 Several seen & heard.

33.75 mer. dorsalis & ad. 1751;270;87;82; cul. 13 'Sakc 14' Tero, 22 i mite, 20 ; cl. 96, Inis hazel

122 October 5- the 1.) Wull Deer . - Steward Dave Say 2 Sewn aberti - Jul. Crook shot 3, one of which was melanotic 3 Seurus hudsonius fremonti. - Sevent were reen, always in ravines where the sie & sprice grones, all were goldering for facel These Squirels hate not been Seem in other localities than Mese valleys, which are grown with swards mable as tright ord in autumn at the Eastern maple. There are Pyrolas, asters, Solidagest with heads as large in Squaroso + other off of Solida go, Sovilaenis, Goodyeara a plant like Builació a Contain -- informat as large as comberres of while searlet. Elders with large bunches of pleasant lasting fruit, a fruit like

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the Common whortleberres, kut bad lasting, Violas of more. than one species, The words bear a Strong relemblance to the new Eng. of Middle States foring woods in these scattered rannies. The hime woods are like a hark, with only grass + Alpwers of endless! Variety & Veauty growing beneath I sand monks hobdert many Ales Commes; the montestated only sous in damp ravines. IB-day I saw some large Coralorchizas two feet high They were been yesterday mear Caruf 4. There were Ishe Clopeld gentians 4. Homis - Golden very Conor Mirosphout the route but none of the arrange Seen. Oul, plenty of fresh 3-16,000

t. Senirus internius fremonti 7. Sannas Stratus star. — ?

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with a broad terminal band of black. Skin around eye, red Varsi + fet, straw-color, claws by

136 (Oct. 5.) 3373ª Scrivus aberti Ead. 3373 c Semino aberti, Sasi Melano. Bloot by Ten! Crook. nose to eye, 29 ; cdi, 52 212 2021 200 Ness to cyc, 31 ; car, 560 occipiet, 69 ; 200 to lail, 270 occipat, 71 ; noot of Cur, 290; and of outstretched haid - foot, 425. and of creativelelis hind-lety, 233, Horealm, 56. Hordor, 59,01,10. Formaru, 56; for foot, 47; cl.10 Lag 80 ; pollout, 16,1 ; ex. 10.5 Fail vert. 1200; hairs, 20 Tal, west, 208; hair, 303 Ears, higher Down Skill, sk 35-3 Euro highet above skull, is 335mealus (SK) 44 ; wedth, 28 meature, 144 juidette, 27 Belivern eyes, 36 · Ears, rounded. Service eyes 40 Chest onthe 180 Chest gist 180. 33 73 & Sturies hudo, frem. Ead. Mose louge, 22 pear, 45 Noccif. 55; roof lail, 210; hind ft. 330, 7/178deg, 55 ; t. 4. 35; cl, 7 Tail vest 127 aurs, 168, Ears, height about Skull, 21 (skin) recatus 26 ; widt, 22 Belwern eyes 29 Ears, Nounded. Chest girth, 128. Lotal length.

Cet, 5. 139' 3374 Clark's Cron 2 ... 4 claws, black 320, 580, 997, 12 out. 42 ; Sale, 46 cross fices 3375 ylociolili La 195; 324; 108; 80; most 11:5, 5a/c, 23; tars, 31; note, 22:5; cl., 5:3. Tim havel Bill brownish-blk. blesh-color on base of mand, Varsi flesh-color; Deet, fleshy brown, claws, dusky, 3376 Varus monta, my fat. 134; 275; 70; 66; gape, 12; lans, 1; mile 13-Cl, 15-15; Dris, har CC, 3377; Singraprices Milliamson 234; 425; 136: 100; enl 25

gale, 30; tars, 21.5; mte

brown Bill; plumbrous-black Jani

th, plumbrous; claws, black

() i. 15 139 33 78 Biller Kenn Had Dois, have C. Ceret skin at gale yet not Bill, granish blue at base shading juto plan. - brows blackas WK, Sarik and Jest, yellow Claws beach 13379. Sphyrapicus varius muchals; 2 jun, 210; 386; 124; 80; cul 21.5; golpl, 25; tars., 22; mite, 23; d9

143 19. Tymolica Cyanosi ina Lew blocks seale in in. ite Hoad Ladina to icitio a Mills 5. Pecus per 30 our grendiari, On Seen y short as it was their among the terminal branches of the the fries much as Prograf mithateles do is increased iting not be please think 16. Pieces Mi ofus harrie, deliman 7. Ceolafites auralus , uccennus, de deu contlores d'inneres 18. Sept asio - Tipe som in Dlett of rock on the rine ink M Into Basen 19, Butto bare wie Califier, - commen 20, Buter survive suit, Que 29. Faico Estimburios, - invial 22. Melagno quit for servicione . Hers Crook Kulled the of a fact. I Capt Russill salv a Slock. 23. Columba Jasciata. - Hhree Leen, The bit on lope of dear fines

144 (Oct. C.) 11111 3380 Sitta Injeniaea fad. 3383. Treus July rank gridule sed 110; 198: 621: 128: w. 14.5., gole, 14.5., tars 14.5., nute 179,315,101,78, 90/2 22 ; lane, 17; w/2/9/2/ 15+,5-100,6. () it course are table to or war to of the 33 81 . Cey anocittà stelleri macrolophe Melundran & Jeon Jan 2 f ad, 302; 458; 143; 133 Joan Marie Marie De Color je cul., 28; Sapr, 32.5; tars 43 wte, 32 Sel., 9.5 3384. Carpodacus cassinidas 163,276,851 ... " = 200...... 3382 Cyanocitta stelleri muerolophi gale, 15 ; har 19; mile 20, 8 3,10; 475; 143; 143; and, 28; gap, 33; tars, 45; rute, 35cl.// 3385 Carpodaeus cassini, Fod, 162; 277; 86; 60 sun, 125) 2-21/6; Trebo 20; mileiou, -0.5 O Tides, hagei The of the branches Comes there Kley word ist in house of a Lew walks and I de llogger Alter I will mill originally depens. It lie . Sprince 3 382 onotrichia decoplings ; ad. 170; 256. 81; 79; Eul., 12.5; gape 13.5; land, 24; mite 23; el., 6/15

1,2 VIS 1 31 -A Sealia nuivicana Amile Mor. - in ordian guide 2 Regulus. Calenderla The state of the section Janes montance 1-11 12 12/19 4 See .. 111 and 1822 : 24 . - Loon where monte 5'- L'employeea and who is a I Junco heinales dorsa & 4 Donpreared Bat. I terrous corax, -dura Com s & Ceight ineyou in hair at the head of Canton Evel Jent Busch 7 Proces villacus limite 10 asin in to quature. - Found Al feathers near Camp to 7 tain some at Camb 7. Il Eningiles secretated in comme Service delpe de l'in Cample *12 des tinfucció, Que Ecche #3. Querquelula lascort , Fre in little and beside south ad word a Carron Corcek 14. Eyanocited microbotic-15 Mymnopiea yano ce funcia 16. Picicorous communicames, One

150 8 - Tynnofued Dyanocepha 151 John Down 15. Mcleagres galopare mexiown should feel the - cana ! - Calt. Rullie Short cyt a Siech of grant Crank bilines Wing & Dresselle toring to in a fine Gottier Po temocalla ultromatina mile. The turkey (see David's 4. Emson cell statist masini Conquest of 21, Thexaco) was I'm corner and some a gently of dometlicaled by the offer, a per formation description aglees in 710m Mexcoo to be and weeklet, it and a and anyona, let leapt. a was house the Sourgese to write it who 5. Empedances diliallis Tenl Cerook calls hurkeys by sucking air Mirough Mm 5. Openier i die de ... radius of the bird. 7. Phylife Sens i aregorner 19. Leops asio - Crymy after 2. Righters colondala dark around camp 7. 3. Thrus alrio in it of Descert inguit cyanoschilalus 4 Sitta Carrier will Ce does welfered the ranch at the 12 Michaucrice former inspect head of Cañon Creck. 13. Chenael linds of rio in luis 16 Shanning raile her ecc. 14 Menula Muy, storia fily que First Seed a small fixer

a Voratrum with a new sticus of grape grows Den 1, Er 1. A . More Viride here, prostrate, sideall ruces ? Comple Coup the Corest by Campy 7. Caves, large (open binoless of) 72 The day before rich dainy! grapes with disagreence makest Mover. a new ophie . I tack of We protty purple breaking designification of serial veca Le-cloud in Frais Busine, Congerol () anniature hotelerch were the state of the s a formal desile Teramine, and balingan Candiso Some nois (Ciginica) The following are the are The small- (coved blongsolis) 2 cach in grows of Thelippe in . I seen to -day and his got in its foreld to. The war on the Duration with The large-leved oaks nere direct four believe. " who 2 + 3 h. the soul salk. There are a few sprices hore it Can

155 13387 Sphyrapicus varius melalis Ead, 226,408; 130; 94; eul., 25; Jahr 28; tars., 22; vite, 22; Bill, dusky plumbrons, Jarsi Mumbrous; claws, dusky Short in Camp · Merula migratoria profungua your. no White on tail, 1,265; 435-;146; 122; most, 14 ig afri, 28 i Tars 34 mite 3'0 cel, 7:5, Poides hazel Bell, brownish black, slightly yellow at base of mundable, Figs feet + claws, browniel - black bottom of leet yellowish , Inando hemalis oregonis 149: 238; 72; 69; ed., 11:5; gape, 1/2.5; Lous. 2000 515. Didog hazel Bill blesh color Jarsi + feet, brown; claws, dusky,

Jack. Por Jarsi, Jeet + claus

33872 Scurius alerti fad. 66 Note to eye, 28 ; car, 54 ; occiful poot of tail, 263; and of outstretched huid foot, 443. Balivece ayes 37 Hore-arm, 54 ; forefood, 48 longest claw, 10; leg, 80 fort, ble ; congest clair, Tail from root to end of hairs 290Verbbra, 210 Ears, height · abovy, excell, 36; mealust 44 width, 28 , Ears massed to Shin, Lavis 7 more whim. Clust girth 1850

16C (October 8.) 1. Merula migratoria forofunqua Zinte a number seen along Mu route 2. Sialia Diochicana, Common. 3. Regulus calendula 4. Parus montanus 5. Tophophanes mornatus. - Not seen till we got Attrong! The princies mear Camps, among Cedare & juniper, Leaver. 6. Sitta carolinensis amiliala abundant in the pries 7. Sitta Jugmara, do 8. Dentresia audulieni, Common 9. Prosectes or an all of con mes a green in County 10. Zonobrie Leuce lays. Mis M. Spirella Sociales arizonai 12. Juneo hiemalis or Egomes. afew at wind 71 Monderally growning abuildant asur descended, 11 lile dorsalis 162 (October 8) grew season as ur god out of is fines. 13. Inestee the way of the 14 Philominacial a may line, a few near camp 7. 15, Corrus cia, - Que frair sec 16. Corred Ariginaris, - a her scattered bindividuals touk large LCock at 3 1/8, 17. Byshopica ey anocefiliale. Large Llocks alighting on the growned the love rank continually blying chead. and so progressing. The whole block yelling like sixty, The attack hawks and rouse an awful din. 18. Whellocoma wood housei One or two at Camp 7, and moreasmy in mumbers all Atri may to Carel 8, 19. lujanocitta ultramarine anzonae. - a pew at

(October 8) 165 Codia herodial, - Chys. Cant 7 & Alence to Cantho 1 30 m /1. Cilia where a few occasionalli, Ceryle aleon reen. There Or, ix. " Pelfe we - we" They iswally associated with Long-creited Pays 20, Cyanocika stelleri macrolopha all along the route abundan 21. asendomus torquatus Cibundant all along the route 22. Melanerpes formierrons Fairly abundant. 23, Sphyrapieus nuchalis, Common all along the coul 24. Treus villosus, Come one seen. 25. Ceolaptes auratus mexicanu Very common 26. Buter borealis calunus a few near Camp 8 27 Buteo Suamson 28. Ruleagno gulapavo mexicana, an

166 G.J. Liebeger 1. Oct. 8.1 Indian shot & with rifle 33882, Scurius aberti Sad. I wanted me to buy then Trose to eye 28 ; ear, 5-2; Gor \$ 1. sach occiput, 66; noot of lail, 285 3388. Cyanneilla ultiamarina end autstretched him les, 445-330; 517; 165; 152; end., 29; caps, 35; tare 45 Tail from good to and of hairs, 3/5,7; vertebrae, 235-Ears width, 28; height above skull 31; above meaters, 39 Brack & yellow - Jarsi Ject & Clark - Wack. Setwern eyes, 32 Forearm 33; forefort, 46 glaw, 11 steg, 82 midfoot, 67; Claw, 11 Some lail-feathers shot and 3389 Cum illa ultramana Ear-tinfts, 19: Theriolfoot 67. 340,525; 168; 162; cul., 30; calu, 36; Kare 44; Chust girth, 1751 Manmals: mld 1/36; cl., 11. Coloss as above ! Seriorus aberti 3390. asen desenno los institus 2. Thomomys lalfordes umbrings, 10275; 535; 167; 100; cnl., 27. 3. Lepuis Callotais le xiams. gani, 35., Lans, 25; mtc. 32 4. Tumophilus grammans Clony 11.

168 · Colores 169 3391 audesmus torquatus 1. Lundus 285, 550; 172; 109; cul, 30; cal, 35; Lars: 29; mle 30; a Class secondarios - beautico 2. Proseoffis montaines. ad. Pun + con shot 3. Sialia mericano. - Churdani 300 635; 207; 146; cul 18 4. Pagulal alandala. gale, 24, tar 29 1 3 2010 5: C-Villiami i mondalini 7. Dandrosen andulini. O . Pyranga ludoviciones. - Ou 9. Myradics test trundende - Level Seen in a little canon; they have a very elear devert Call - nois, and were Surjung exquisiting. On the I short Crawfiel I ride the reteat the bank of the little brook in the carrier of cayeld not le got cit. They make a wherry Sound like a wood filler Boundary from brance to borainel

(Oct. 9.) 1. Lepus calloles texerines 1. Porcetes grammens confinis - Shot Dugra (sick Commen in some spoll 2. Januar . - Gerral. Milleuraria a mongetanie 3. Rock Equiril - Leveral low in the bales 4. George. Lignis everywhen of - in planties caling in inches 12. Juneo bienalis oregonal Viry alcendarit. 13. I posite granies writering Very CEILLIEL. 14. Pohilo maculatus megalomyx abundant all along road. 15; fonotrichia lucoplery. abundant - in 16. astragaline Maltria, Trying 17. agelacies peliornicies, -ale C. the contract of the contrac ferrale on a little stream. 18. Seolecogeptique Cyanocephalus che 1939 Paras Casa Cami. 2 our Large Hocks mean Camp 8. to Carolf, and once kind has, white Lent Brook thouse 19. Corrus crax. - Common. 20: Corves Dugwords. - Hook not incend. at Camp St & one or two seen on the soud of camp, 7. 21 / Symmotica Cyanocepación

172 Lancter Second alon I would Some con--lamed orther of - 2. Cyanolilla stelleri a cierolo ina i'l' . dingly abundant all along 23, Gauveella Altramarina arisonal Mundani all algua . One shot 24. aprilocerna woodhowsii. Cen - mon all the me? 23. Frew relacis harris, One. 26. Theyrapians varius muchalis abundant 27. Welanerfres Sommeirorus abundant 28. Identes mis longuatus Quite plentiful 29. Ceolaptes arhatus micxicano almindent all the way 30. Melashija mielodia, - Us Carns 9 along the stream 31. Butto bonales caluris Sen frais seen Halor culintarys - One

(Oct.9,1. 33 Ceolumba Carceala. In (cocks of 25 to 100, More ablundant Man hillests In the Juneries May 1020 Single of in twos. or, threes. In the cedars + numbers lower down (Mesterday), a Lew Aloeks A/3- and 10 Owerlseen. So-day They here in large flocks The tuiber along the monte was pumper, cedar I for, a bew Junes and Junton & abundan oak trees both small & Correc leaved. 3 4. Johnostyx gambele, Ou Roberts Shot one. Capit. 35. ? Trochilus alexandri. 36. Mololinus ale of Amile O. for word The anders. June ?

3393 legaracilla ultramina arise : 5 335; 510; 172; 158; cul., 30 gafe 36 tars 4/ rute 36 3394. Pyranga Indoviciona. Sim nost 11 gape 19 Laws 17.5 rule 17 3,395. Osendermus torquatus Ead. 287; 527; 168; 104; cul., 29,5; cape, 34; lass 28 mtc, 30; 60, 11

178 Oct 121 Chear ruh. Su aban; on in 18 Som the organoce halus the Signia like comme To a The fees while here, see lace thank of it I ill Carry in in. - 1. 3 relicing willing a con Through a del Description canon, bud jaillet the he himsel maries with dayler less. 1 Misine Alka at his in a 2. Juin medula carolineuses cottonwood & which One seem on the Corise (wit · Spelled mig we him the in a controller Hules fire A. Consider Sugar Shere were to the the 11 (Populus fremontii) are the mile of ut & relocked the wrather-soon N' LONGO ! became Sour, W.c reached Fore: Elementer of the second Dale inthe after four o'clock. = mlus tremuloides). 4. Myiadiestes Townsendi, -a fulheard singing in a x of Emilone a brankled song D. Siela mexicana, - Common 6. Require cal F. Lophophanes mornatus, -a lin

180 JA JAN (1). 181 m fres ecolics. V. Site fugginaca . - a fre when the reashed the fire other Empi 10. A Sitta carolinensis aculcata. - 1 100 (a. Merula migratoria carofringua - One or two mean Camp 9: W Dandrogen and born - Common, 12. astragalinus psaltria, - Law. Llooks in the creek bollow as Carny 9, Lucia or Dun Cowers. allso con secondarion de the pouter W3. Sharing I = A. gell in the grass along the musa above the Rio Conducty note a loud "chick" 14. June furnalis or onul - temmor No. Bligella socialis ariginal, lournen No. Zamorrichen - cophrys - a pen 17. Pipilo maculatus megalonyx, - Com -mon in places. 18. Com coroz. - Common. 19. Corone I vuo : - : fine: the criek bollen !

182 (C) 1.10. 20. Dynnopier ajanoch in: - Com. - mon all alway Il maile, but in decided -21. aprelocoma woodhouse i - Con-- mon watil 1/2 iget in the iter Lare of the state Me: la j'é went to the bottom. a stone struck me on the head & another on the Shoulder Ant did not injure ou Exept to stiffen me my some 22. Cyanocittata ultramaria arizonae. - drute a peur sun rufore we crossed the 23, Eganocità stilleri naerolopha Vin Common all dong 24. Preus vulosus. - a few. · 25, melanerpes formicirons. Common after we reache the him

(October 1)) 185 26, Chambelmus ibronatus. Common with prices, they notes when thaying in flocks 27. Colaptes auratus mexicanus, Cornina all along. 28, Frales Column aris, Clus Digar Caruch 10, 29. Colinny Massur. Garage Sail Id. He a recording to make, at Carista ton or how auche in mentil Elecio Te Corduray Creek 34. Ceryle aleyon, Several were Listely in the Carriso. St. Sayonis sayi . - Clue was Shot on the moter above Cordway as I was proking it what flew and was circling about for Some minutes before it finally assuppeared in the distance.

186 3.396, asendes mus lognatus fait 272 oul 27 ga/1 33 Tars 23 mil 27el 16 3/397. asendesmus lorgnatus fait 280; 5-40; 175; 106; cul 29 gapi35 tas 26 mite 38 el 11

187

188 (Qct 11.) 189 Left Comp 10 at 5.45 am. and got in to carry 11, Sexteen miles from It abache on the Holbrook road at 1.30 P. M. 1 Menda migralorio prolingua 2. Sialia mexicana, Common in small flowlis. 3 Regulus calendula, Mucor hiro Y. Detta carolinensis acuteala S. Silla Mygmara Both Sittas com. 6. Tophophanes mornatus, a du near Camp 11. 7. Dendrozea anduboni, - Concruere 8. astragalnius psaltria, - a Lew. 9. Spisella Socialis aryona, Com 10. Thures humales oregoins. 1. Ofenco humais betersales 3. Lonolrichia lencophrys 3. Scolecophagus aganocephalus, Sew before WE WIT Forest shore 4. Eorus Arugivoris, -al near Campoll.

(Cet-11) (Oct. 11.) measured in largest outle leganocittà stiller macrolopha Seen to day. Cuculuference a Tory Common, It has a melly lette over 3 metres. Estenate pluste beside its various crie height 20 metres, 7. Lynnopica cyanocchiala Tinkes were seen over a hunder abu sem, Let is height and about Stilles Days are great dichters The purall leaved Calls Were of hester all thinds of Atalyths Jouls, assemblying on gozat. seen during the last half Glocks to amuse Mymsell & Mh of the way of me abundant Min way. To-day they were with the large leaved hereat worrying a Red-last 16 Overnet 11 Sharp-Stunned Hank a beautiful dark red Dum 18. Empidonax was found, and a handsow One was shot in the lines fragrant mustard-yellow. mountain over with the Strewberries (Fragana) plenty also Violas enseld. 19. Pacies villosus harrin a fur a small fine with lattle Cones grows on the mountain 20. Melanerpes formeny Fin trees were numerous. bordely from to Store acoms in dead trunks

192 (Oct.//.) · (Cot.// 193 Mammals. 21, Claudesmus Norgualus 1.0 roeyon migrifiedes. - Ce Racer Very common , They was that it in some oveks agreak like Alickers and by East. Roberts Chalter When playing 2. Sciurus aberti. - Len C. exactly like squirrels !-Shot Miree. I shot one. Several 22 Sphyrapiens varies michalis times they have escaped me; was seen once only. but this one I secured adler 23. accepiter Luscus, "One half on hours world , HE 24. Buteo bobralis Caluris. was at last discovered ching Several sun; one Shot. - my to the very lopmost 25. Coulorty & malling - a bough of the tallest him flock of half-grown young my All, place. I had supplosed one old male leading was they had holes in the living seen at Camp 11 by Hell Crook trees they eluded me so 26. Columba Jasciata, - Three Completely; but I now seen: I shot one. think they owe their Safety 27, Lenaedura Carthinimes. to their curring in conedaling toapt. Roberts saw our at Otherwedows in the true-tops. Camp 11 near 7t, aprobe (15 min 3. Leonys as usual. 4, Deer seen near Camp 11-

(Qct 11.) 195 3398, Empidonax + ad. 13,7;222; 66; 60; nort. 7; 3 899. Milmertes former words Fad, 233; 4550; 145; 89; Cul., 27; go/c, 31; darsus, 20,5; mite, 25; claw, 9. Iridgs, white! Bill, blue - black. Jane of soland plumbans : claux, duskey himbron 3'400. Asyndermus lorgualles & ad, Skund for Dr: 1713her 3401. Asyridesmus longuatus, La, 282; 545; 176; 108; cul. 30: 2 w/u, 36; tars 27; nete 30; el.//

001, 13, 201 200 at Frie and Down in a her a good por - mour suite ! .! The Inner I prove to · ding letteresse. And White Ut mi Calific nix Climited of Mu country and a magnification factorium - a virio Lo l'é remembres ja Time Lucils cont be and + Isaw no Garribal Quarle either, The Massinas are more abundan Man Jan at apocke, Fire I Levail closed now oftens of very leave the ralley sol Ca Canding or mountains Must at siming I heard storme Sur Heyt, yout, it jons tra liste to allow them

203 202 The finds seen 11250 1740 ... prof. ... 2. Signia survivienze. Akonde. 3. Calendan al fon 4. Tophophanes mornatus, "Come 5. Sittà carolnientis accilcala 6. Dindriera autolicación. 7. Proceed and conde 8. St. : Was source of a religion 9. Zanobroka fencaphry. 10. cle ... lencoi. - Isaw a number of Lincolnis Amoh on the S. Fork close to where Level Cerock was lacking to his which and, and on Mat account did not shoot any of them 11. Dance hermalis dayound. 12. Annee Aucomani misser 13. Papilo maculatus megalonyx. 14. Scole cophagus eyano caphalus 15. teorous corax. Very Common 16. Corvus frugueris. a few

206 · Cot. 13 (Oct. 14) clans, block, Hen! (Grook as Ked inc to 3408. Gymnofica cyanocephala, fad Stan behand and assisting 281,462; 143; 112; eul., 34; Alshur, the Post Surgeon to gape, 37; lare, 37; rute 30; el. 1. with whice a fer alion of Colors like 3407, Crop full of Such and the stand of the stand acomo from the small-leaved oak, 3409. Willocoma woodhousei, Fad. until 115 P. II. The following lords were noted: 297; 403; 122; 141; eul., 26.5-; 9 upc, 30.5; tars, 40; mte., 31.5; el. 14 Frides hazel. Billflegs feet reclairs, black. Merula migratoria proposa 3410. aphelocoma woodhousei, 3ad 315; 420; 130; 155; cul. 27; gafe, 31, 3. Sitta carolinousis aculenta Taw, 42; outc 31; ch. 9.5, Colors he 340) 4. Lophophanes mornalus 3411. Limmenlus sparverius, End Gach 5. Regulus calendula 272; 483; 92; 136; Cul. + Cere, 16; cery C. Dandrosea auduloria 4.5; cul, 12.5; gape, 17.5; tans, 37.5; rute 32; cl. 10 7. Passerculus reluces/ hans 3412. Colaptes mexicamis, & ad, 8. Postreles quantinens 325; 550; 165; 121; cul. 38; gale, 42 9. Spizella socialis arizorat tars: , 32; oute, 34; Cl., 11.5. 10. Linel natura leuro l'iniv 3 413. Juneo hieralis oregonies fad, 11. Vapilo maculater, metaring 157; 237; 74; 73; cul, 12; gold. 12 partie in apposition 12.5; lars, 21; mte, 20; el, 6. 12. Scolecophagus cyanocephilus

Oct 14. 213 212 24 Zevældura Carolmensis. Que 25. Contostyx massina. - Seul, Crook saw one block, 26. Meleagris galopavo. - Hul Lerook Shot two from a block

(October 15) 215 Ufter rising at daylight, we Murad to Lind the trall across to feed our, horses tourselves. That brakfasted yesterday i count of later in lunch with Dr. Filler of was Jamished, East night when I lay down the sland, agiter ordering all the afternoon and accounts, and Gunting hart of the hight for a trail across Black Kwar Canon to Camp, with only my saddle blankets for bed & covering of my saddle Yora hillow, / This morning D was homibly hungry but We had much dit breilety finding the hail, and I because discouraged when I saw Hent. Groope fidning off on his mul. Knowing that The Command would invined ate follow

Q A. 15 217 and it would be loo late to ded as the grain and dalions would and be hacken on the mule. I thought the train would of necessite, house to follow the main road to John Carlos, and no turned and retraced much steps, Keading my novel back wh the nocky mala hai hellsides to the camp where Stenard to are night. I saw a magnificent Wildcat (Fynx rufus) while looking for the Pan Carlos road of fran lowards me + crossed within a few rode of my horse, so kear that I wight easily have shot A dead Il I had bear provided with a Mary charge of Shot. but as I only had fine birdshot I did not shoot at all, but

218 (Det 15. last watched the motions, of Sain, hackmules Thadbes this handsome, graceful of my Hospital Sleward Dans annual, which I have who had some the bail yets Seldom seen alux Ordors I left him & had waited for I soon got on the road + me. The hackers had no reached Birck King at the Knowledge about the soute bottom of the Carron, apart to be travelled + only said ! 2 or 3 miles below, Mr. Jenen May were going to fullow camp, I suitended to Keef the Zoul Erooks trail road and side slowly with Ale Commandor The Stewcard had raveled camp biret when I reached the lot of the as the cools were leavely y gotten a little cold coldet Garion it or curred to me griper snaps & shared them that the Twent night not with me. HE had laten Supper Choose to strike the road at all; so I consuded to the with an authit, of Mormono who passed by while he mas my hungry horse of Cet home Golding Ahr Korren, + Duas 2 al grass while, & followed An crest of the hill of met looking for a war, to carup, soil Atu columbi obtained redomit was not loo started as how Just I was two late + only Land & got ning horse to sollow at last mylits camp the (The deveral's trail , I did

Oct. 15 221 220 Ost, 15 but if was an auful other Species of yays + tramp of my horse was a mullitude of OfficeKers tered and balked when of Carpenteros Wire Dean-I treet is been him down Co We sode our the the last malapai hell oweh malapai Rills , The to the Steward's horse & trail Steward's horse had Cost at length I got him efour Those Chow & he consequenter! Cet the River a magnificent protection walking t leading drake & Therons serrator his horse a food hart of The way a flockof Fibol could have been shot had not the Steward takanchare Quails was A Dedsed by of my gum I coat when I'd An Steward within a lew want back, Islack Kuns feet; but they flow while 9 is the handsomest cheam ? Deached their & scattered, have seen in arrange returning a land note as they Is delled with Exactiful list the grown with a trout, & haunted by wild four restering sound, I flustee after grazing our house our of them again while the horses of worthing up a few Sleward was trying to sasten notes, we followed the on a shor to his his sis trail. Lange flock of foot with a could of Slones Maximilais pays and di lierof a ham met, but cone, shot one, a young a good member of the

Oct. 15 223 22E (Oct. 15,7) one, Wil would shock the and Some tall, cacti Lin Erich road & I had the Gree Jonn Gellow Saw while mortification of Knowing mat had I dellowed my original beau & followerd the good I would have Jeassing through Thew Wexco Vidden neto Camp at the The Belos Doen were! 1. Gerula migratorea profingue 2. Sialia mexicana. head of the processon and saved Muyself four hours of desperately I hard work 3. Kegulus Calendula 4. Tophophanes mornatus, In I The timber alone the good 5. Parus montonus. In Junes was junifer, him + aak until we got to the bottom o. Rocky Canon + Lound on the highest ground. 6. Setta carolineusis acutenta only jumpers raakle, and fell alongs Thensel hassel out of the 7. Litta fryg hada, - a dew Canon whom a large fiveres amongst the fines Deres through which ask Crick, bordered with jumpas on the highest ground 8. Dendrocka anduboní + oaks + some decideoffs 7. Poor cetes grammens, Cefen Trues. We reached punh 10. Passercellus ochocephalus 14 just at dark, On the a few on the Mairie, mabre we found Doves

224 Oct. 15 Oct. 15 225 are frailed to the oaks. after leaving weeky Cours The other two to the overgran 11. Danes hiemalis oregonus 12 Aprico humalis dorsais 22. Picus villosus harrist 13. Aprella cloniestica arienal 23. Sphyrapieus, muchalis 14. Elemolula alpectulo 24. Welducer es donneverus 15. Lipilo maculalus micgaiony 25. Goiattes max convus 16, Sturella neglecta, Qui 26. Cente alayou - One or Theo on Boack Kiven near Oslack Rury; the 27 Buto virginianes - Que an 17. Ceorous corax, - Common bank of V. 3 cack Kiver 18, Leyano cetta Stalleri maproloffe 28. Finnimerela Stargerus 29. Frater Crecilities Susceen 19. aphilocoma woodhousel 30. I sulle calurus 20. Legarocitta ultramarina 31, Zenaedura Carolinensis 21, Fymnopica cyanocephala all Lover of Min Hours wen Elbundant after WE abullant on Black Redt the Rockin Canont trees I along the sound (Twen I were seen in the same good trees yot seen before. 32. Toplerety & gambeli. - Om Logetter, all were Leber Julat the ballom numerous as long as 33. Copalorty mossina-WE Were in the Thuiber appelo coma woodhouseit Capit Roberts sur one Ley anocitational retransvi

22E (Oct. 15. Oct Meentig 227 flock near Black Thurs. We let on 1/14 bu ash Cock Suf Crook Sow two floer at 6 o'clock am, and made + shot the head off of In Camp 15 on the Sila River at Old male. I sawoundlock 1.30 P.M. Bapt, Bourgue found + Shot one young one. b. a wounded Loon (ledy white 34. Order herodiks - Of on Black Knows. toronative mi the sula interes 3 to Oaxor bersen - The Jul saving ins colonia sen I dute her along he in Black Power Toy the Dideans, a latge of Parkinsonia or Creidury 36. Nurayes ming ander, - The Hou. I the first . It has small lilleate Sow a 17 of I salv a male sin Black Biver leavel. On the way hose we saw 37. Geococcy californiamo - Que sem de un Massimalo! Doder Pocky Cuntor hundreds of Tering (forens organians) of which wire much branched, World Cat. See note above and at least 40 feet high. They 2. Ceayate, Gent Crook shot on are somegated why ludinity 3. Tarrias, - abundant with the crest of the ougain Studder will Italian spines 4. Mexican White-tailed Deer Many of them had holes bored in the day it is feelicity and the holes were very possibly The Boother cache tage non Tornted cach as high die med

228 ((ot, 16. mounted were very plantific (Ser intermed crussalis. - a fon-current singing in Alu Current, new to me (1, 10 lower fort-will. this we with rain megalities and the fort tothe bellow en l'éliphens. Most après 116 3. Distin méxicana, - Con flor. Manualasi Care ausen hills of the Sing Salley, 4. Surprine a Merilia, - Commence in the roster, Carious in the foot-5. Erene Lilia allantis, - il for-Carries floods in fraisits near with torith Cum. 6. Carpodaseer frontais - Columbust a large Robbier ale was shot in the robbie for forthells of the gla at Camp 141 on ash reckt ficer se le Atre Dila. 7. Istanulard Suranna, - Jul int mear ash Out out camplet a feur i "ins paser an route 8. Palleroulus or house hader, 9. Porcetes grammigus mais. 10. imphispiga belineater: - Hust Seen will leaving Forde, Hery

Oct. 16. 233 18, 12 min 12 Skey ... and beard Flickers all the in it was of good littles, afternoon. In the evening 19. Herescey Ciair in in Cue Henry Crock called out to seen by Len ! (.... me as I seit lacking to Str. 20 thecipiles Ausus - a him sound Daris "Say, Doctor, did you 21. 20 sepiter conferi. Cur. hear that note? This was the 22. Finimically & June and Gila Wortchecker!" 2 snatches number see of my gran and after 23, Fire Columns in all dice waiting demons the scallered well in a rodly canon collenurs of a little while I 24. Lophortyx gambali, Que Shot the frist Specimen Jever Saw J Some Ducks were Seining the 25. Melashiga Jasciata Gica. flock seen in the foot-hills. a Cafter we reached the Fila I had to attend to business and 26. Coloptos arbatus inexicarios Callers (Egiti Crawford & Dr. 2 ans 27. Centreme majoragions. The Dr. gave we a good money Heigh Conditions for quales & few. interesting facts in zoology! These Mings presented dring 780, 1425; 35-5; 85; eul 7); gape, 107; width of bell opposite base of nostril, 12:5; exploring the banks of the fila where we were enemped; but when I went to tally depth same peder 22.5. But a down plenty of Lambels Tassus 92; onter bex 0 125 a dual & Long Sparrows

Between Hantig of Hila River 234 Oct. 16. of 9. mle 1/5 1/2, 3416. Lonotrichia Jenes/hmpsign Lorden nich lienny, Bill 175; 260; 79; 81; eul., 12 with where one-half of waxilla gale, 13.5, taes 28, inte 23 blooks is to a dusk les les, 6.5, Freder, hazal, Bill extender, 1/2 from hij bire brownish yellow, with maxilla brownish - yellow, with maxilla Que the differential plightly lifted with dusky.

Out. Dasi let to Cano, troudalis dad. of flool actor on contact 155, 250; 78, 69; ent., 10

of head actor on contact gape, 10.5; tais 18; mite, 17; cl

of made (wady character lasse downers 3, 5; hot skumed 32), 5; was serentus saranna & jour to deil, hale greenest jet in 149; 245; 71; 58; cul, 10.5 Desh-o Con the piece restillation 349/19/11/5; Cars 21/5 mile 2006.5. 34/5. Centurus mophagialis 9 14 244; 427; 132; 96; enl., 26; 230; 320; 99; 100; most 12 gale, 30 trus, 22.5 rade 27 Frides, villow not skimild. Plumbrous - b (ier k ; harrie , feet, plumbrous; claus, funbrous cet vase shading to brick at lef. Bla R. 13 m. fr. S. Carlos.

236 (QA. 17.) 3423 lingth to and claws, 215 3420. Centurus wojinggalis, 9 c. f 111- 188; 328; 99; 51: 241,418, 120, 911, 11, 26; 80°C, 31: Cars, 21.5: mlc 27,5 Oul, 24, gris, 24, land, 24,37 1919 10 & Sila 12 m. fr. S. Carlos mile 241, 66, 4,5. baic lit. 12, 3434 Jennanculus Show, 2.1. 3421. Centuris Machian, cari dad, 265, 454, 13x; 100; eu(., 32; 267; 565; 17:11 132. gale, 16.5; Fule. 375. E. Cere, yeled. Jule 37; Lars, 21; lule, 32; 12, 12; Lordes dark red. Dell Alunticus sile 12.12 m. fr. 8. com.

Alunticus gr. 12 m. fr. 8. com.

Alunticus siles to, al life 300. for (. in it) of in (; " , exist ! ! !) orange yellour claux, bracker 1. 10 1 Marie Marie 1 Decedicing 23/1257 Selinus Juelangolenens 271 4501 1401 99900 33, 9 a/e, 37,5 | (gie Riv. 10 m. fr. s. carlos.)
34213 Centurus 1118/19 ((18a). Longth to and of alained, 450. 363,660,205,84,000,55, gafic, 62; builtina, 4/ 259; 445; 132; 98; cul 32; gale, 37; larsus, 25,5; nete 30; lolling Riv. 10 m 1 m 8 Conton (16, 100, 1342/2) 2424. Ephyrafucus mucholis 3/11/2 Marsus, 6'3; mite, 44; cl., 6.5 dides, hazel Bill, buckert Legst feet deep yellow 221; 400: 124; 91; cul., 24; gale, 27; tare, 21; mte, 23:5; Claws black, Fila King, 10 ... for Sa Carlos El. 8.5, Bila Pair. 10 m. fr. S. Carlos

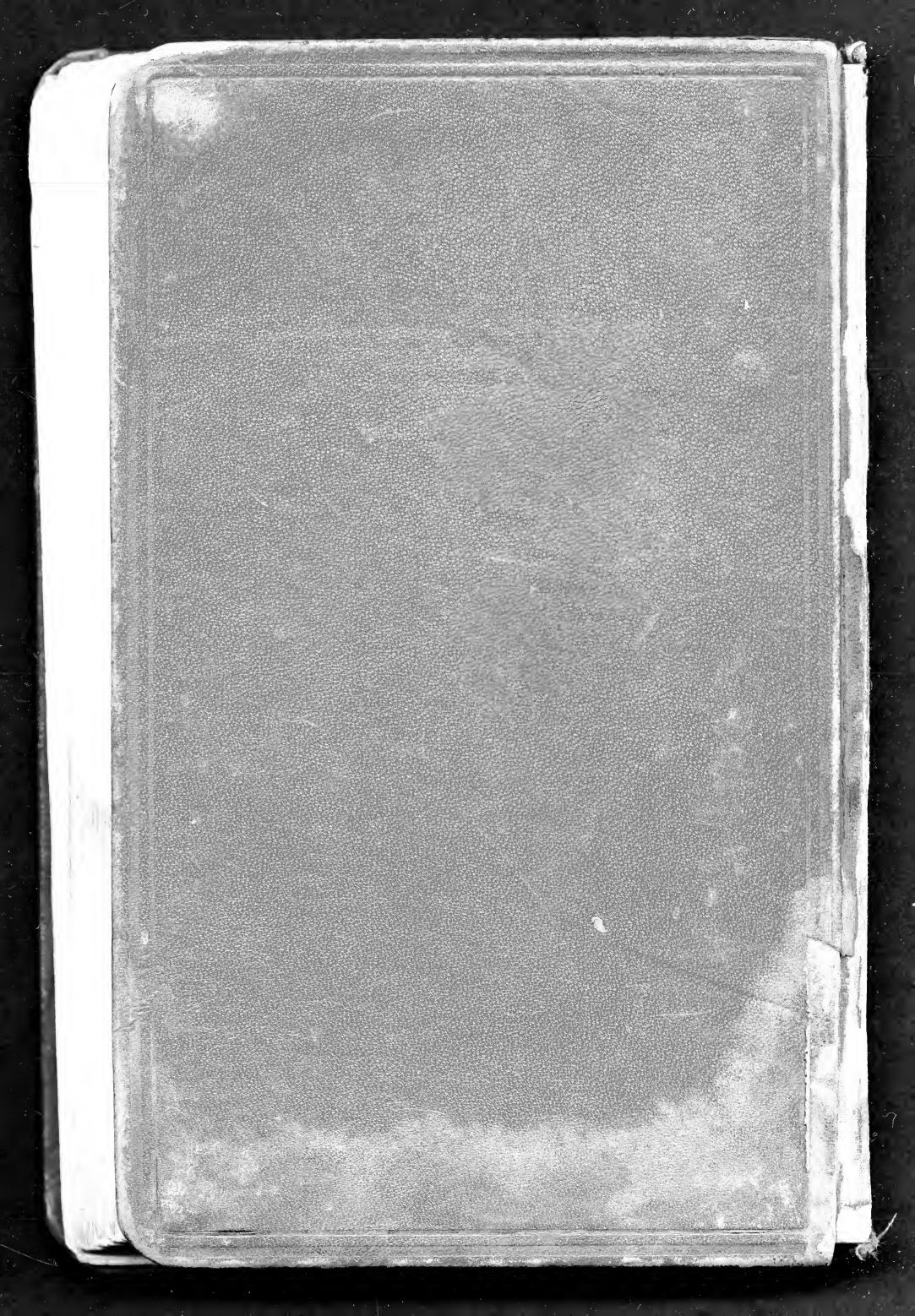
Oct. 17. 239 10. Ruphespiga bilenesta Common Long to to end i toss, 1310 11. Louotrichia Cencophrys. - Exceedingly 1015; 1640; 14451, 172; cul, 126; when 15,9; the, 92; tais, 0155; mite, 108; El, 16. that resembles the notes of albicolles The following birds were seen on 2. Melospira Sosciata. Columon Hu Down tol San Carlos from our orside the Gila all along the way 3. Sprielle socialis arisonate a dew. Carry on the Hila near the Crossing + . Pipilo aberti - Very abundant. at the Sub-agency (Camp 15). 5. Scoleephagus coganocephalus. 1. Therula migratoria profingua - Commo In lunge floels everywhere. 2. Hearportynehus crissales - Singing 3. Prosephles montanus. - Common. -. X autiocephalus icterocephalus - Sturnella Sugleta - In Small 4. Salpinetes obsoletus. - In the Conons near San Carlos. 15. Corous corax. I abundant 5. Eremophila alpestris. a few. 7. Fyrannus voeiferans. - Cebendant 6. Dondrovea auduboni. - Common Some may have been verticalis 7. Lanius Condorrantistus - i pour 20. Layornis sugiceans. - a few. 8. Carpodacus frontales. Very aban 21. Vermilian Flycatelier. - Ode seen -dant. Duighing in larly many 22. Ceryle aleyon, - Common 9. astragalnows politice. - Linging. I 23. Pleus scalaris. - Common did not shoot any + do not know whether they are typical peal true T- Colaptes auralies mersilamos, Como 25. Complemens torquatus. - Luco sen or var. mexicana!

24C (Q.J. 17.) 33. Fotanus melanolmens. Farresem.
241
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241 on the Lela in the cottonwoods and one shot but fell in an inaccassin' animals on the way to San Carlos: locality. I was surprised at their 1 Plack Kabbit. presence in this low region, 25 Gambel 1 Lewils 26. Centurus urophagiales. Juit 1 Grat Blue Heron. common among the cottonwood 4. Tila Wood reckers. along the Gila. They are often 1 Frester Gillow-legs Seen peeking at the lower that 1 Shotted Sand pipeli. of the tree trumber as were Muchal Woodpocker. in the tree tops, send I even saw I Sparrow Hawk. and fly down and alight repor Felal. 35. the ground and pick up some the following Mammais were seen: ruscet. They often perch whom Jamus (and Spermophilus . - Clusony the lopmost dry branch of a The mes quites on the San Carlos fetts at the Eigener (Jamias harrisi and). cottonwood in the manner of the theker That cry is a succession Thus Callotis Cepanies. Luro seen. of hersh some Coyofe . - abundant & yelling 2 7. Tununculus sparverius. - Very account wout camp. In the aboundant & quitle. formoon I saw one in the trail 28. Cleepter Gusaus. - abundant. Tust intront of my horse; 29. Cereus andsonius, - Our sem Cont was empresared to shoot 30. Lophortyx gambeli. - Common. 31. arkea rerodias - Loveral. 32. tringoides manularius. Commion I before it got out of

342 Oct. 17. Castor Liber . - This animal is abundant in the Jela to saw many collowood cut down and grawed by them. The Gala is lettle of cum larger then the Torn River. H cal be forded almost any where. the collowoods are not as plentiful nor as larget healthy trees as on the Verde. There is a good deal of brushwood along the vantes, making good cover for small birds. On feet I Daw migado of little onds, chiefly sharround, out did not take the time to hunt them up closely, as most of them were wowen of house ste, and the cours so close a must they had to it shot In order to identifies their La ti cestanty.

7 to Clear Creek Camp 1. 16 to Camp 2 16 to Camp 3. 19 to Caruf 4 22 to Cunh 5. Harforlynchus crissalis 34; \$6 Pipilo aberti \$6,96 Lanies exembitorides \$6,97 Orfilo mac. megalomyx & 6; 710 Lophortyx gambili 30;43 Finnenculus sparverius &0; 75. Calamorpiga recarocorp 21;49 Orgechus vociben. 85;76

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#8. begin with p. 94, go to end (p. 242); then to p. 50 and go to p. 93; then to p. 40 and go top. 47.